

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
 Data File : BG038319.D
 Acq On : 4 Dec 2018 3:34
 Operator : JU/SJ
 Sample : J6179-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S10-0-0.5-BGS

Quant Time: Dec 04 06:31:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

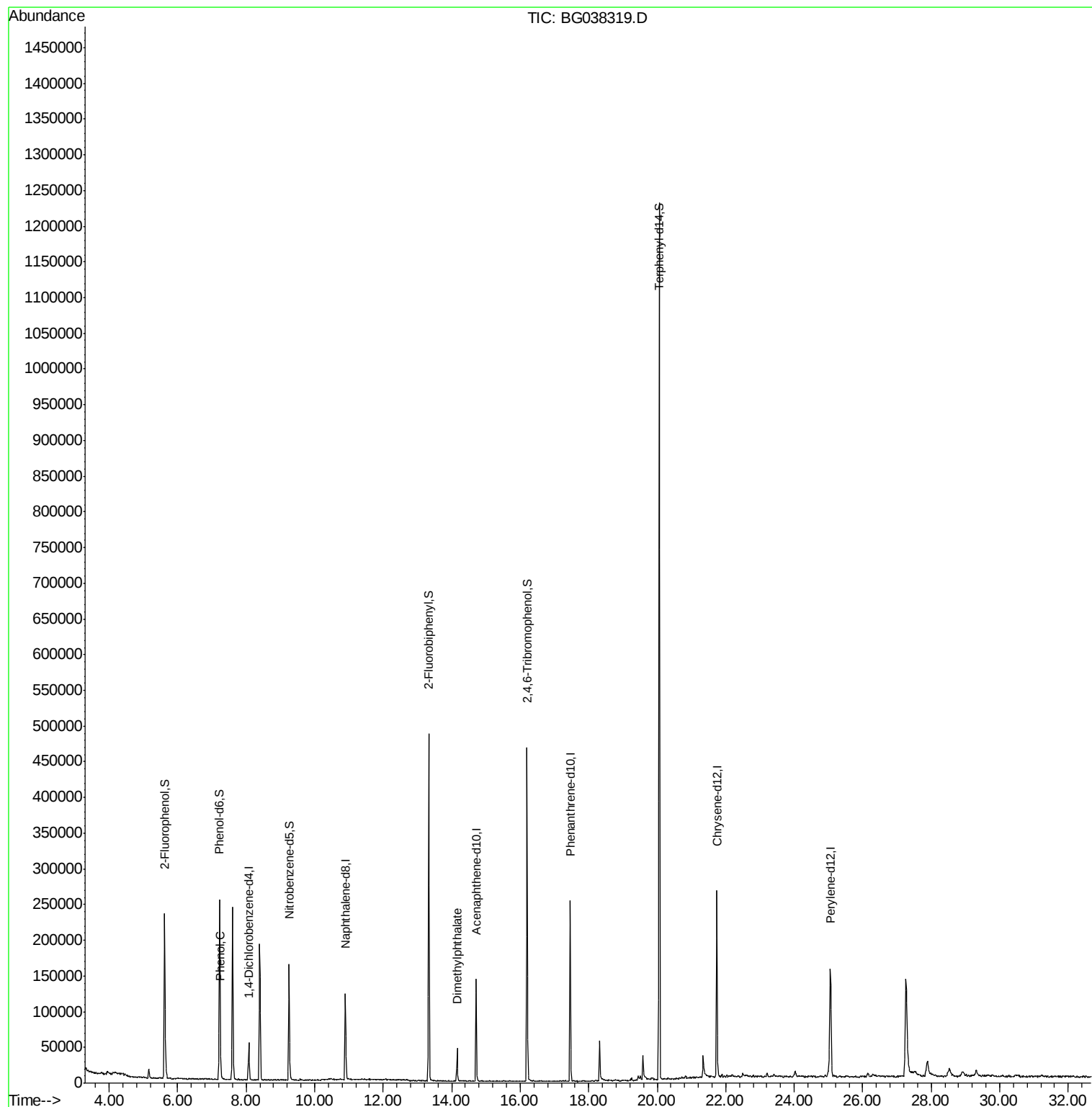
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	16042	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	115572	20.00	ng	-0.02
39) Acenaphthene-d10	14.71	164	51955	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	158501	20.00	ng	0.00
76) Chrysene-d12	21.74	240	164695	20.00	ng	-0.02
87) Perylene-d12	25.06	264	173507	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	117602	126.57	ng	-0.02
7) Phenol-d6	7.22	99	160471	120.99	ng	0.00
23) Nitrobenzene-d5	9.25	82	103797	48.08	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	88651	149.61	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	264615	74.20	ng	-0.02
79) Terphenyl-d14	20.06	244	625956	89.43	ng	0.00
Target Compounds						
10) Phenol	7.25	94	9932	7.070	ng	92
50) Dimethylphthalate	14.15	163	36222	8.794	ng	99

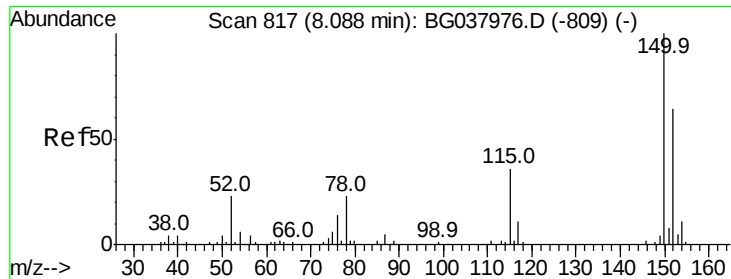
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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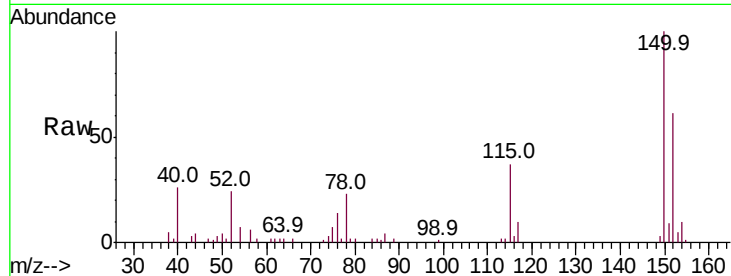


#1

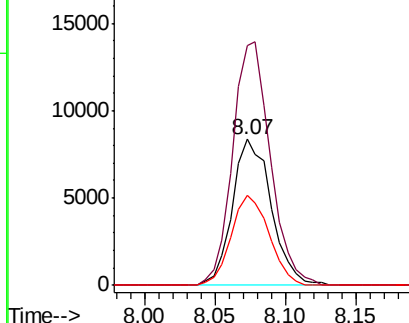
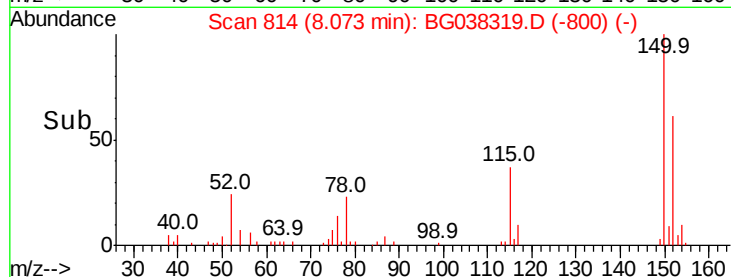
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BG038319.D
 Acq: 4 Dec 2018 3:34

Instrument :
 BNA_G
 ClientSampleId :
 S10-0-0.5-BGS

Tot Ion:152 Resp: 16042
 Ion Ratio Lower Upper
 152 100
 150 164.5 126.0 189.0
 115 61.5 45.5 68.3



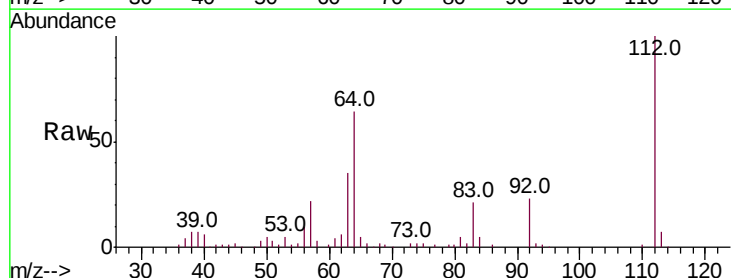
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



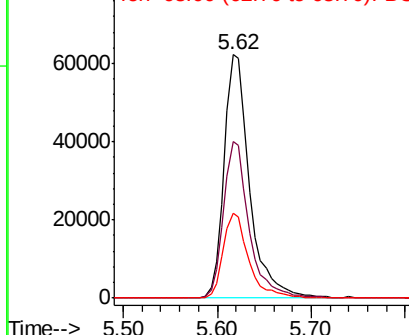
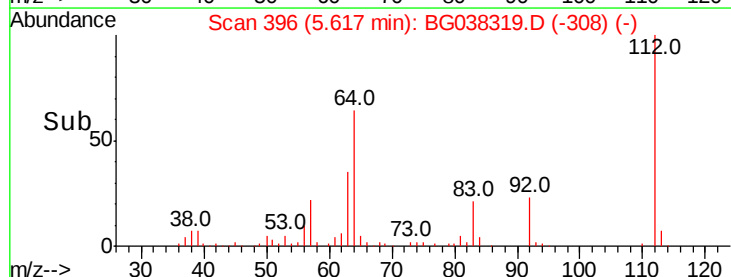
#5

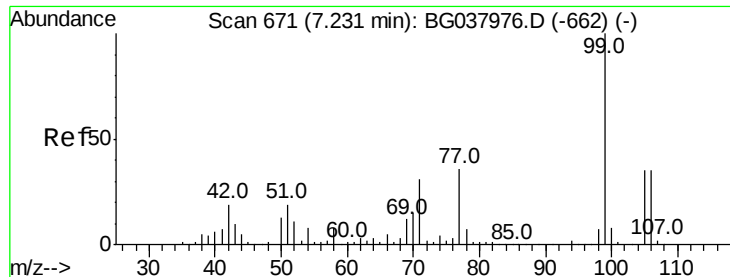
2-Fluorophenol
 Concen: 126.572 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.02 min
 Lab File: BG038319.D
 Acq: 4 Dec 2018 3:34

Tgt Ion:112 Resp: 117602
 Ion Ratio Lower Upper
 112 100
 64 64.3 53.1 79.7
 63 35.0 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 120.994 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038319.D

Acq: 4 Dec 2018 3:34

Instrument :

BNA_G

ClientSampled :

S10-0-0.5-BGS

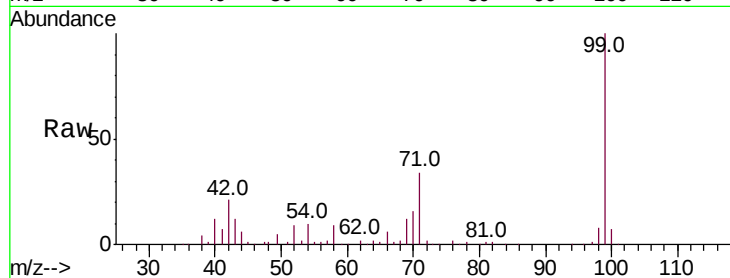
Tot Ion: 99 Resp: 160471

Ion Ratio Lower Upper

99 100

42 21.2 15.0 22.4

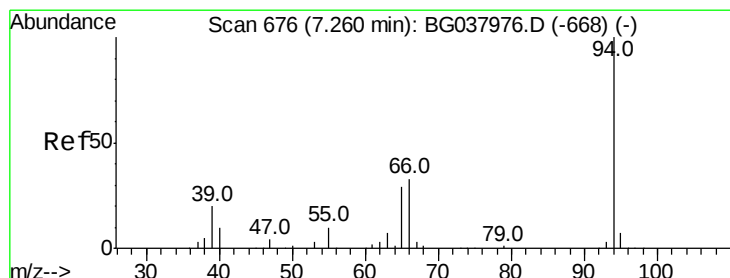
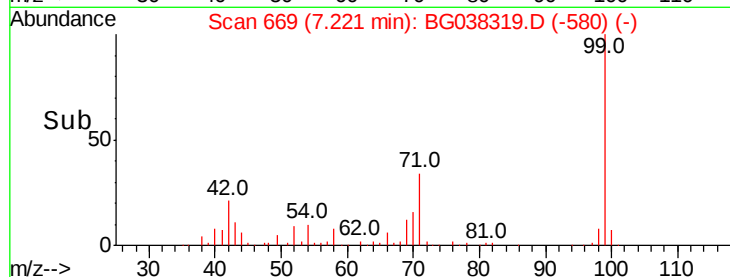
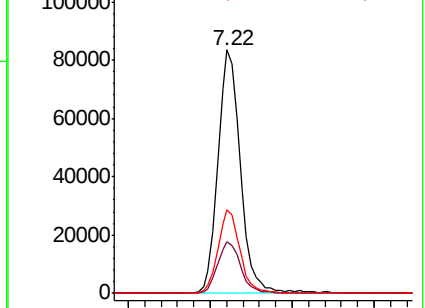
71 34.1 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 7.070 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG038319.D

Acq: 4 Dec 2018 3:34

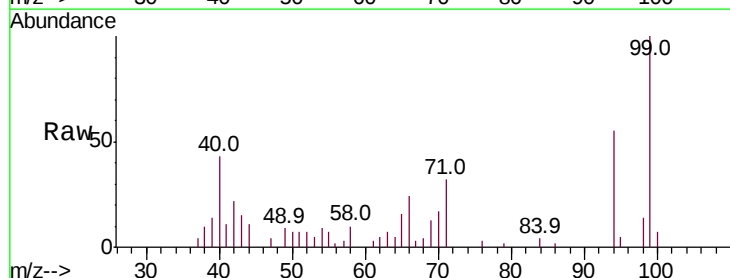
Tgt Ion: 94 Resp: 9932

Ion Ratio Lower Upper

94 100

65 29.0 9.7 49.7

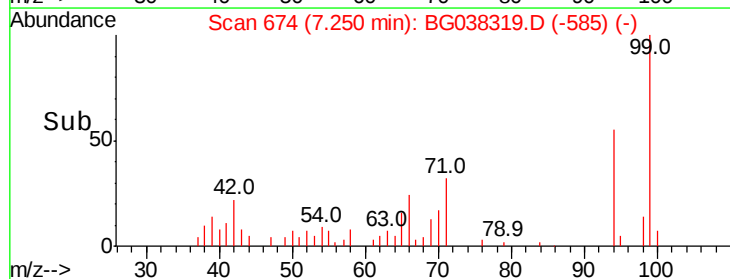
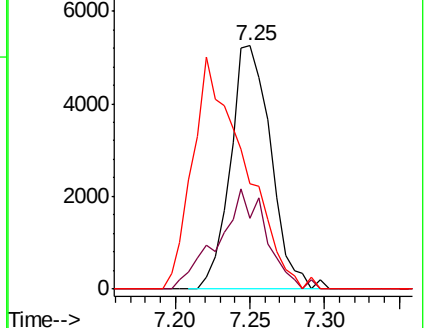
66 43.4 15.9 55.9

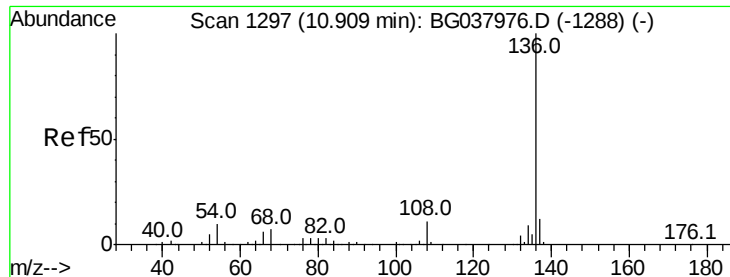


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BG038319.D

Acq: 4 Dec 2018 3:34

Instrument :

BNA_G

ClientSampleId :

S10-0-0.5-BGS

Tot Ion:136 Resp: 115572

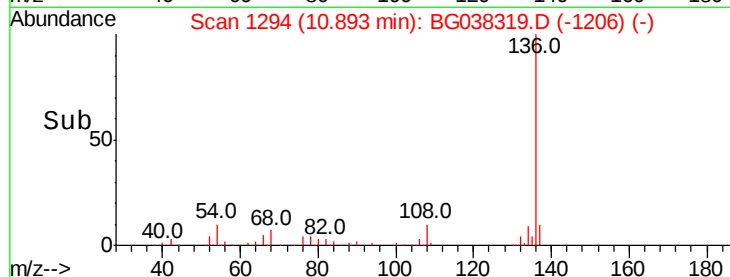
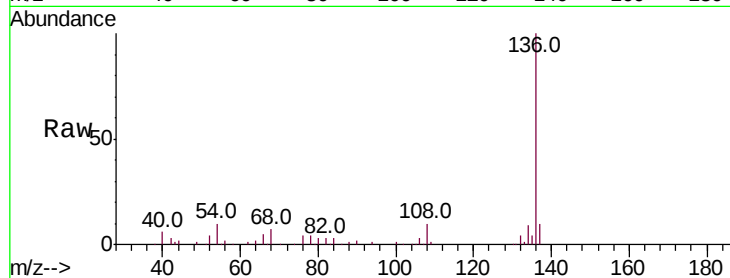
Ion Ratio Lower Upper

136 100

137 10.3 9.6 14.4

54 10.0 7.9 11.9

68 7.1 4.8 7.2

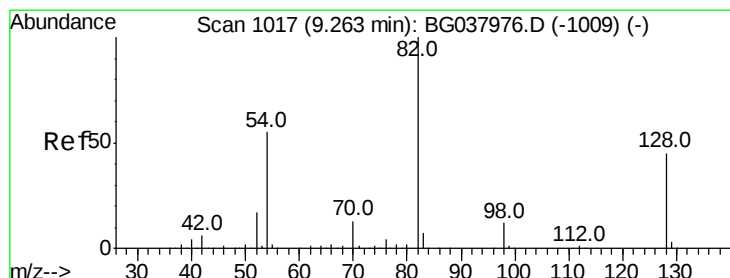
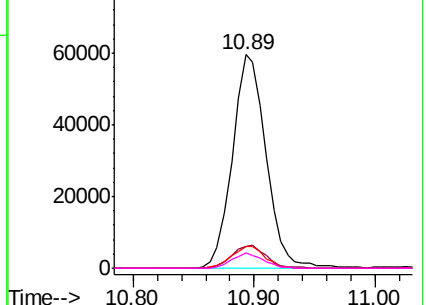


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 48.076 ng

RT: 9.25 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BG038319.D

Acq: 4 Dec 2018 3:34

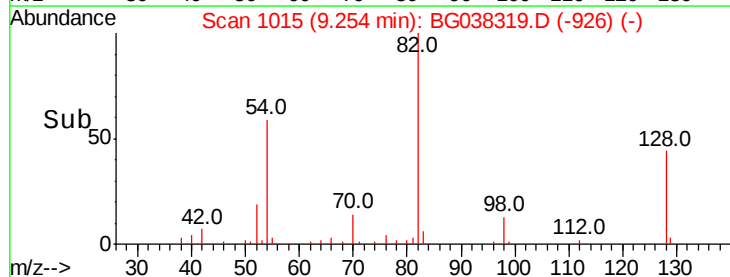
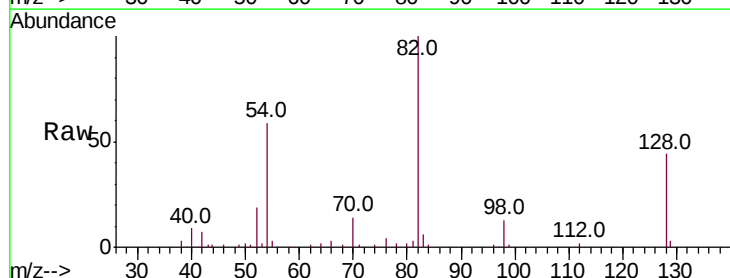
Tgt Ion: 82 Resp: 103797

Ion Ratio Lower Upper

82 100

128 44.0 34.6 51.8

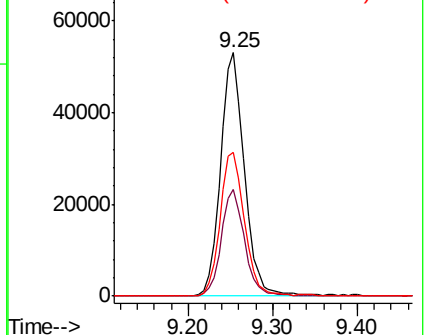
54 59.2 45.3 67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

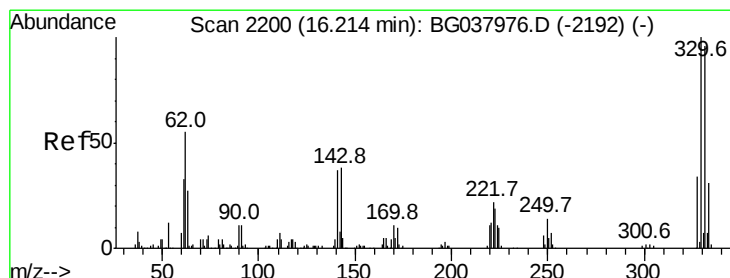
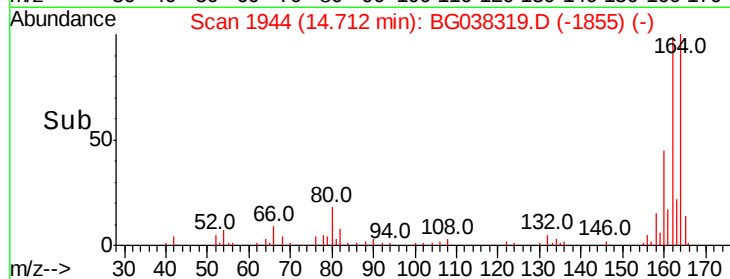
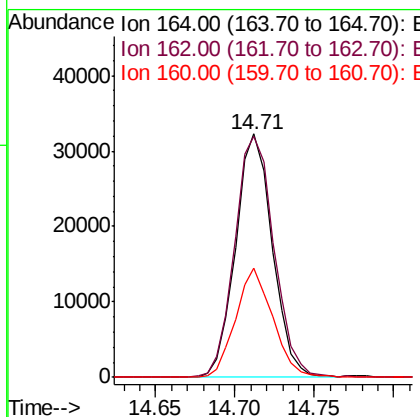
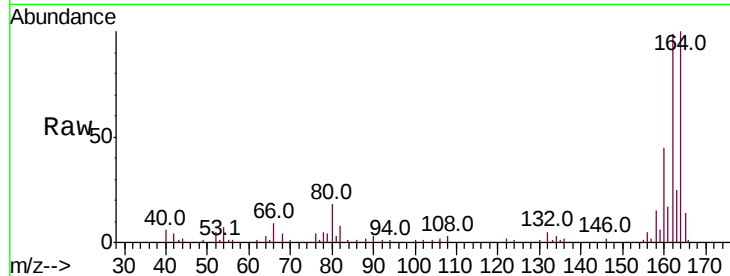




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG038319.D
 Acq: 4 Dec 2018 3:34

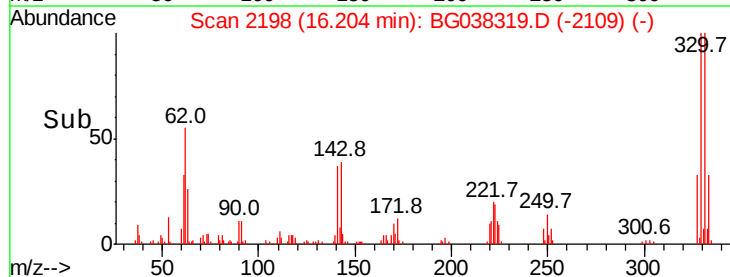
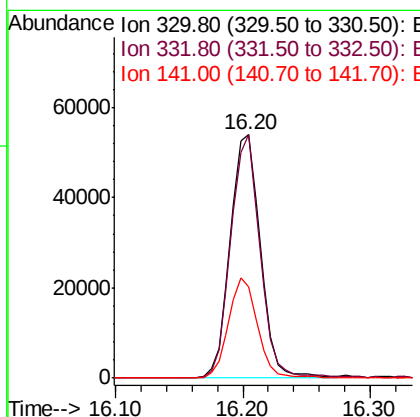
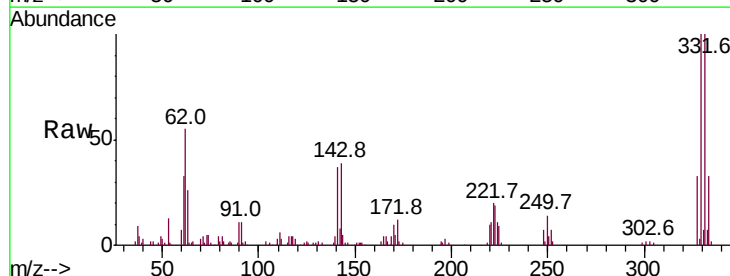
Instrument :
 BNA_G
 ClientSampleId :
 S10-0-0.5-BGS

Tot Ion:164 Resp: 51955
 Ion Ratio Lower Upper
 164 100
 162 99.3 81.3 121.9
 160 44.8 36.3 54.5



#42
 2,4,6-Tribromophenol
 Concen: 149.613 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG038319.D
 Acq: 4 Dec 2018 3:34

Tgt Ion:330 Resp: 88651
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.4 117.6
 141 39.4 32.2 48.2

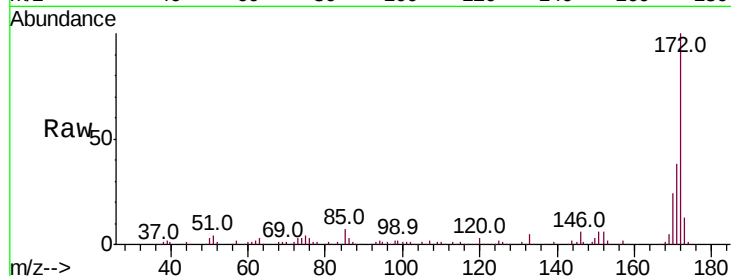




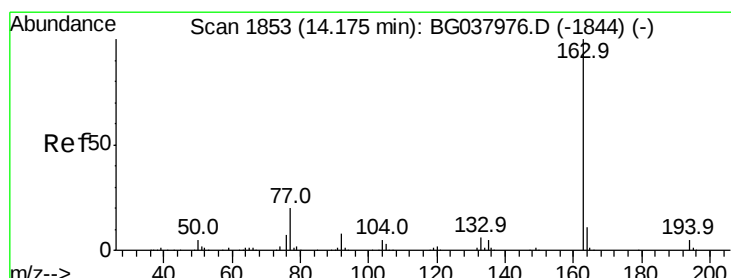
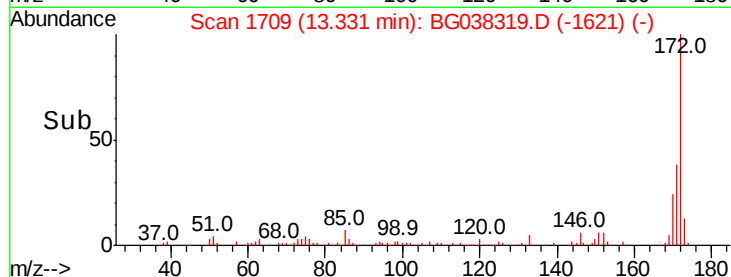
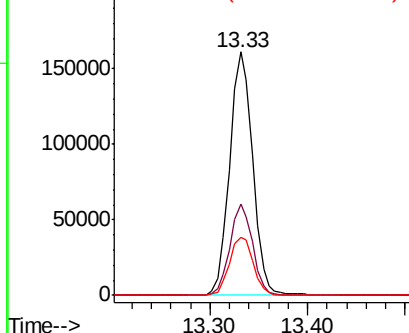
#45
 2-Fluorobiphenyl
 Concen: 74.200 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BG038319.D
 Acq: 4 Dec 2018 3:34

Instrument :
 BNA_G
 ClientSampleId :
 S10-0-0.5-BGS

Tot Ion:172 Resp: 264615
 Ion Ratio Lower Upper
 172 100
 171 37.5 31.0 46.4
 170 23.6 20.2 30.2

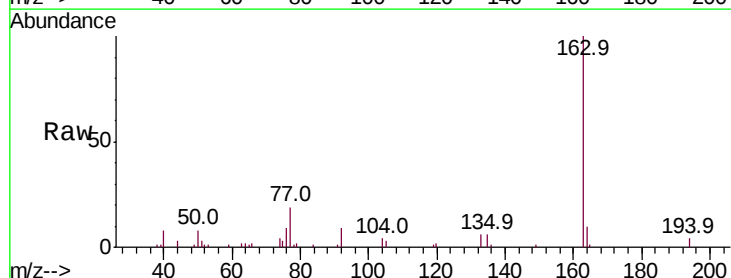


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

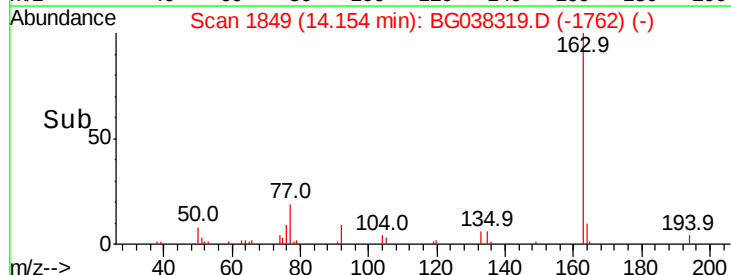
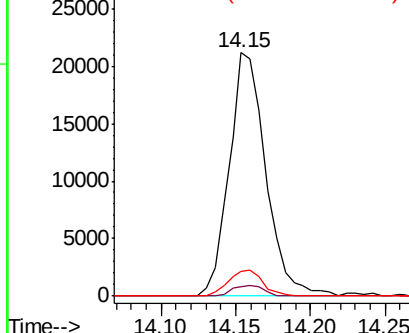


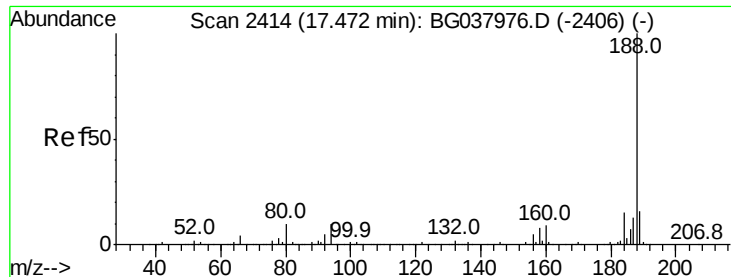
#50
 Dimethylphthalate
 Concen: 8.794 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. -0.02 min
 Lab File: BG038319.D
 Acq: 4 Dec 2018 3:34

Tgt Ion:163 Resp: 36222
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.5 5.3
 164 10.4 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

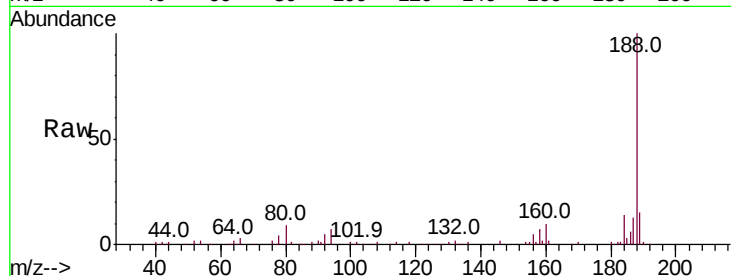




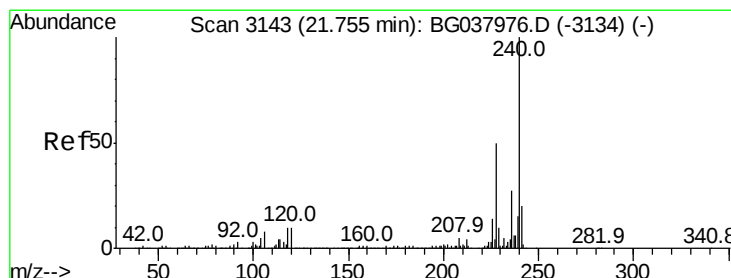
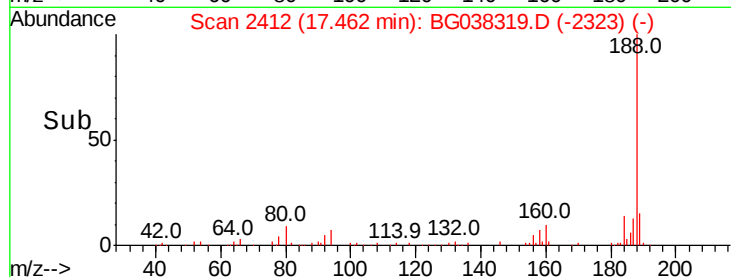
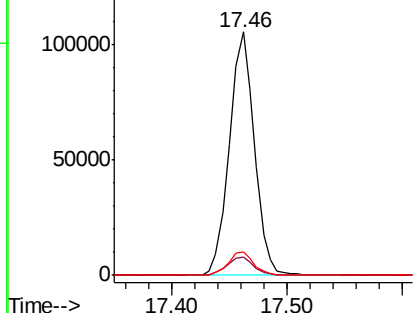
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG038319.D
Acq: 4 Dec 2018 3:34

Instrument :
BNA_G
ClientSampleId :
S10-0-0.5-BGS

Tot Ion:188 Resp: 158501
Ion Ratio Lower Upper
188 100
94 7.4 7.2 10.8
80 9.4 7.7 11.5

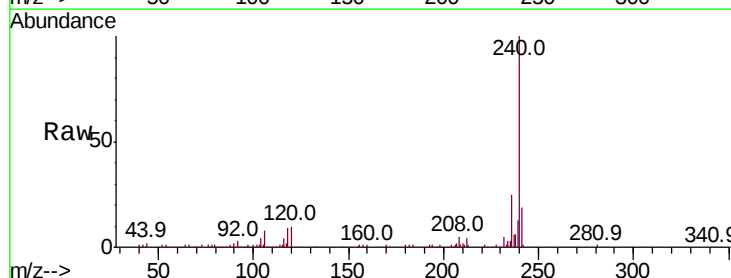


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

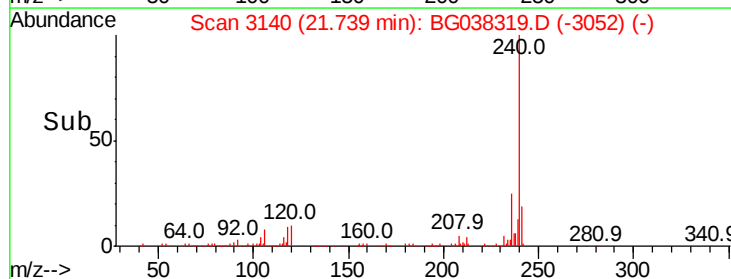
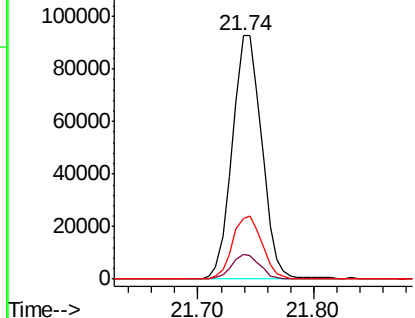


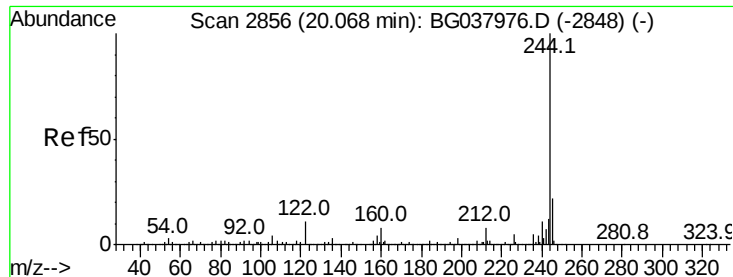
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.02 min
Lab File: BG038319.D
Acq: 4 Dec 2018 3:34

Tgt Ion:240 Resp: 164695
Ion Ratio Lower Upper
240 100
120 10.4 8.1 12.1
236 24.9 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.431 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038319.D

Acq: 4 Dec 2018 3:34

Instrument :

BNA_G

ClientSampleId :

S10-0-0.5-BGS

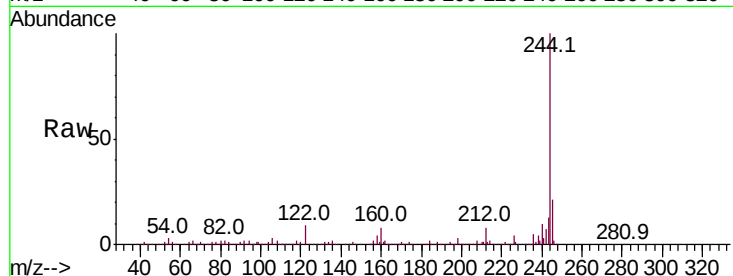
Tot Ion:244 Resp: 625956

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

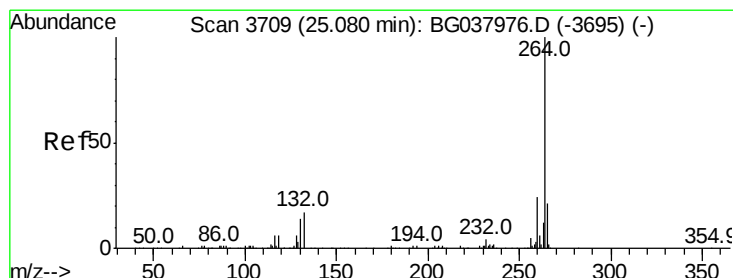
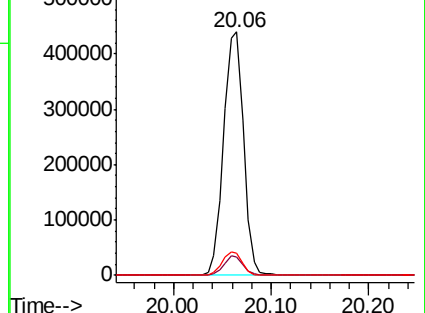
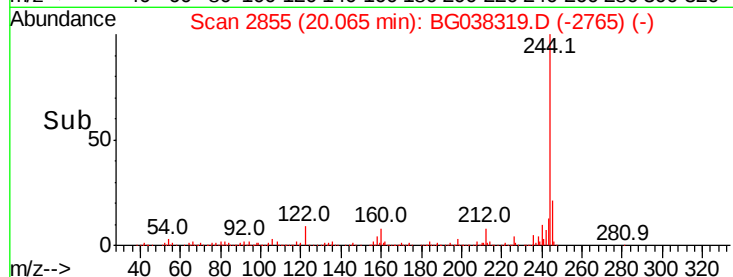
122 9.3 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3705

Delta R.T. -0.02 min

Lab File: BG038319.D

Acq: 4 Dec 2018 3:34

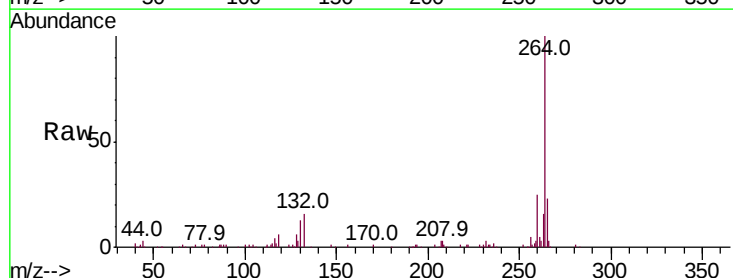
Tgt Ion:264 Resp: 173507

Ion Ratio Lower Upper

264 100

260 24.6 18.2 27.4

265 22.9 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

